

Title (en)  
THERAPEUTIC MOLECULES GENERATED BY TRANS-SPLICING

Title (de)  
DURCH TRANS-SPALTUNG ERHALTENE THERAPEUTISCHE MOLEKULE

Title (fr)  
MOLECULES THERAPEUTIQUES PRODUITES PAR TRANS-EPISSAGE

Publication  
**EP 0883344 B2 20100609 (EN)**

Application  
**EP 96944760 A 19961213**

Priority

- US 9619419 W 19961213
- US 871795 P 19951215

Abstract (en)  
[origin: US6013487A] The molecules and methods of the present invention provide a means for in vivo production of a therapeutic molecule in a selected subset of cells. The pre-therapeutic molecules of the invention are substrates for a trans-splicing reaction between the pre-therapeutic molecules and a pre-mRNA which is uniquely expressed in the specific target cells. The in vivo trans-splicing reaction provides an active therapeutic RNA which is functional as RNA or encodes a protein to be expressed in the target cells. The expression product of the mRNA is a protein of therapeutic value to the cell or a toxin which causes killing of the specific cells.

IPC 8 full level  
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CPC (source: EP US)  
**A61K 48/00** (2013.01 - EP US); **A61K 48/005** (2013.01 - EP US); **A61P 13/08** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 31/18** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/34** (2013.01 - EP US); **C12N 15/1027** (2013.01 - EP US); **C12N 15/111** (2013.01 - EP US); **C12N 15/63** (2013.01 - EP US); **C12N 15/85** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **C12N 2320/33** (2013.01 - EP US); **C12N 2840/44** (2013.01 - EP US); **C12N 2840/445** (2013.01 - EP US)

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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